

801-T-207 TEMPORARY TRAFFIC BARRIERS

(Revised 09-15-22)

The Standard Specifications are revised as follows:

SECTION 801, BEGIN LINE 418, DELETE AND INSERT AS FOLLOWS:

(b) Connection

Type 1 and type 3 barrier sections shall be connected as follows:

1. Smooth Bar Hooks

- 1a. The adjacent barrier sections shall be placed end to end, with sufficient overlapping of the smooth bar hooks to allow placement of the connecting bolt or threaded rod and the top spacer.
- 2b. The adjacent barrier sections shall then be moved in opposite directions for a sufficient distance to develop the maximum contact between the smooth bar hooks and the connecting bolt or threaded rod.
- 3c. The bottom spacer and nut shall then be placed as shown on the plans. The nut shall be sufficiently tightened to eliminate all gaps between the adjacent bolt heads, spacers, nuts, and washers which form the connection.

2. J-J Hook

- a. *The adjacent barrier sections shall be placed in accordance with the manufacturer's recommendations such that the J-J hooks are engaged.*
- b. *The adjacent barrier sections shall then be moved in opposite directions for a sufficient distance to develop the maximum separation between the barrier sections.*

SECTION 801, BEGIN LINE 436, DELETE AND INSERT AS FOLLOWS:

~~Type 1 and type 3 precast units which have previously been cast meeting earlier Department standards may be used. The Contractor will be allowed to mix type 1 and type 3 units in a run as long as the units are in good condition and the connecting devices are compatible. If units meeting earlier Department standards are used, a 1 in. bolt will be allowed to link the units together. The spacer detail shall, however, be in accordance with the current standard. Units cast after March 1, 2003 shall be linked with the 1 1/4 in. bolt.~~

Type 2 temporary traffic barriers shall be connected as recommended by the barrier manufacturer.

(c) Anchorage

~~Type 1 and type 3 temporary traffic barriers shall be anchored in accordance with the methods shown on the plans, at the locations described herein. Type 2 barriers shall be~~

~~anchored as recommended by the barrier manufacturer and at locations described herein.~~ Temporary concrete traffic barriers shall be anchored ~~when located on or within 60 ft of a bridge, and along tapered alignments~~ *at the locations shown on the plans.* Anchoring at locations in addition to those ~~described herein will~~ *shown shall* be required when directed. *Anchoring shall be in accordance with the NCHRP 350 or MASH crash test. The FHWA eligibility letter shall be provided to the Engineer prior to placing the barrier.*

Chemical anchor systems with removable bolts, or mechanical anchors may be used to anchor ~~type 1~~ barriers to bridge decks, concrete pavement, and concrete shoulders. Mechanical anchors may be ferrous or non-ferrous material. ~~All anchors shall have a shear strength of 10,000 lb and an ultimate pullout strength of 6,500 lb.~~
